

# METHODS AND APPARATUS FOR PASSIVE ILLUMINATION OF REFUELING HOSES

## ABSTRACT OF THE DISCLOSURE

5       Methods and apparatus for illumination of aerial refueling hoses are disclosed. In one embodiment, a conduit for transferring a flowable material includes a wall member. A plurality of reflective members are at least one of formed within an outer layer of the wall member and disposed on an outer surface of the wall member. The reflective members are adapted to at least partially reflect light incident thereon. In one aspect, the reflective members include reflective glass beads. In a further aspect, a first portion of the wall member has a first concentration of reflective members, and a second portion has a second concentration of reflective members.

10

15

20



25315

PATENT TRADEMARK OFFICE